Palsonic

LCD TV COMBO

TFTV2030D

USER'S MANUAL
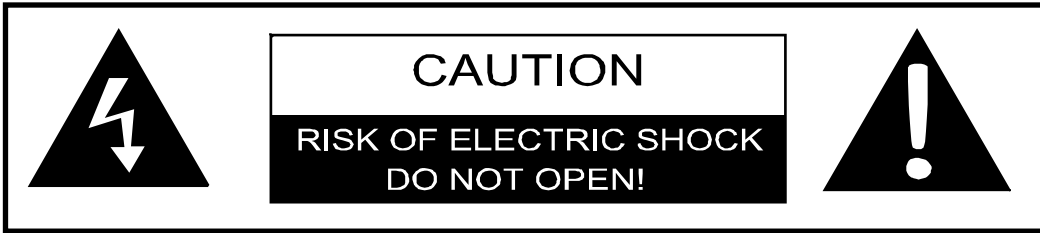
HD ready

DVD VIDEO®

SD™

Table Of Contents

Important Safety Instructions

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN!

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "Dangerous Voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

CLASS 1
LASER PRODUCT

CAUTION: Laser radiation when open. Do note stare into beam.

CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION

1. The product contains a low-power laser device. In order to ensure the safety of the laser device, do not remove any cover and attempt to repair the unit. If any service is needed, please contact the distributor or its authorised service centre.
2. To reduce the risk of electric shock, do not remove the cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel. Unplug the product from the wall outlet before servicing or when it is unused for a long period of time.
3. The manufacturer should not hold responsibility for the damage caused by any substitutions and modifications of the product without authorisation from the manufacturer or authorised unit.
4. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

WARNING

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Important Safety Instructions

Note:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.

> IMPORTANT FOR LASER PRODUCTS
> **1. CLASS 1 LASER PRODUCT**
> **2. DANGER:** Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
> **3. CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit. Leave all servicing to qualified service personnel.

7. Do not block any ventilation openings. Maintain well ventilated conditions around the product. Do not put product on bed, sofa or anything that blocks ventilation. Install in according to the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Read, heed and follow all instructions to ensure correct and safe installation and inter-connection of the apparatus.
10. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
11. The mains socket outlet shall be installed near the apparatus and the mains plug shall remain readily operable.
12. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
13. Only use attachments/accessories specified by the manufacturer.
14. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
15. Unplug this apparatus during lightning storms or when unused for long periods of time.
16. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
17. The apparatus shall be connected to a mains socket outlet with a protective earthing connection.

Note: Do not touch the colour TFT LCD screen by hand directly.

Copyright Protection

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorised by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision. Reverse engineering or disassembly is prohibited.

Characteristic Features

This product incorporates a DVD player, LCD display and TV receiver in one system.

Multiple Modes

DVD mode
TV mode
AV1 mode
AV2 mode
S-VIDEO mode
COMPONENT mode
VGA mode

High Quality Property

High Resolution
Adopt an MPEG2 decoding format to achieve horizontal resolution more than 500 lines.

Superior Sound
Built-in Dolby Digital decoder to output high quality sound.

LCD (Liquid Crystal Display)
Designed with 20.1" colour TFT liquid crystal display clearly shows the data.

Stereo amplifier
Built-in 2 x 5W speakers provide high quality sound.

AV and VGA Input
Can be connected to external audio and video signal source and PC.

Favourite Channel
Support favourite channel function, you can set the channel as your favourite.

Special Function
Support Teletext, NICAM/A2 function.

Multi-audio end Multi-video modes
Support multi-audio and multi-video modes, provide more selecting.

Advanced Playing Features

Compatibility
DVD, DVD+/-R, CD, CD-R, CD-RW, JPEG and DivX disc compatible.

All Playback Functions
Fast forward and reverse, slow playback and repeat playback.

Special playback
Support multi-angle, multi-language and multi-subtitle playback.

Search By Time
Ability to search for a certain track of a disc by selected time

NOTE: It is normal for a TFT screen to experience some light or dark spots appearing on the LCD screen.

Disc Information

Discs Formats Supported By This Player

	DISC LOGO	CONTENTS	SIZE	MAXIMUM TIME
DVD	DVD VIDEO	Audio+Video (active picture)	12cm	133min(SS-SL)
				242min(SS-DL)
				266min(DS-SL)
				484min(DS-DL)
CD	COMPACT disc DIGITAL AUDIO	Audio	12cm	74min
JPEG		Still high resolution	12cm	
DivX	DivX VIDEO		12cm	

- The operating method of some DVD discs is specified by the software maker. Please refer to the instruction manual of the disc.
- The DVD Player will play most recordable (CD-R) or erasable (CD-RW) CDs, but playback of CD-R or CD-RW discs created on a computer requires proper formatting and finalisation of the disc for audio playback. Some computers and/or software programs may not be capable of creating compatible discs.

About Disc Terms

Title
Generally, pictures or music compressed on a DVD are divided into several sections, "title".

Chapter
The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching. But some discs may not have a recording chapter.
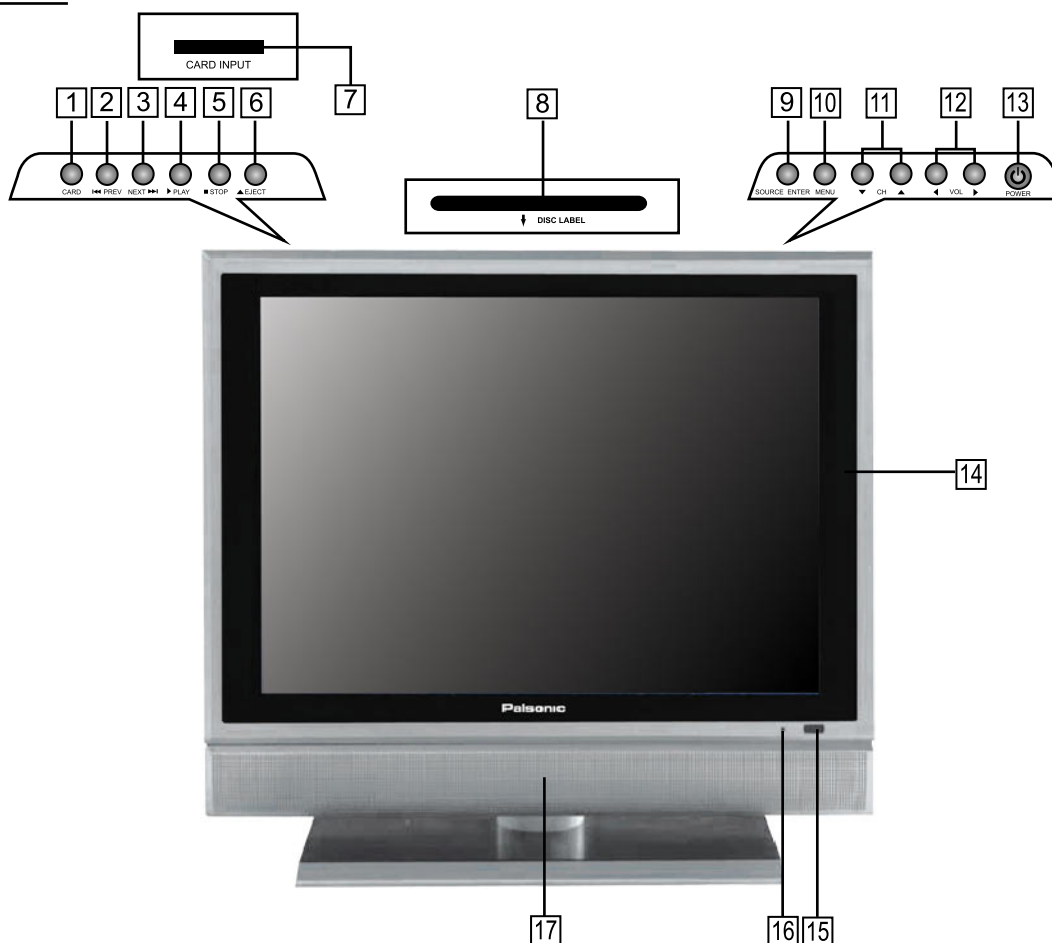
Track
A segment of picture or music on a CD. Each track is numbered for searching.

Front Panel

Front View

1. **CARD button**
    Press to enter SD or MS card mode in the DVD mode.
2. **▎◀◀ Previous Skip button**
    Press once to skip to the beginning of the current chapter/track.
    Press twice repeatedly to skip to the previous chapter/track for some discs under DVD mode.
3. **▶▶▎ Next Skip button**
    Press to skip to the next chapter/track for some discs under DVD mode.
4. **▶ PLAY button**
    Press to play the disc under DVD mode.
5. **■ STOP button**
    Press to stop playback, then press the PLAY button to resume normal playback under DVD mode.
    Press the STOP button twice repeatedly to stop completely.
6. **Eject button**
    Press to eject the disc out.
7. **CARD Input Slot**
    Insert SD or MS card into this slot.

Front Panel

8. **Disc Tray Slot**

   Used to load disc.

9. **SOURCE/ENTER button**

   Press to select the modes: DVD, TV, AV1, AV2, S-VIDEO, Component, VGA.

   Press to confirm selection or exit the setup menu in the setup menu.

10. **MENU button**

    Press to enter or exit setup menu.

11. **CH▲/▼ button**

    In TV mode, press to select channels.

    In setup menu, press to select desired items.

12. **VOL ◄/► button**

    Press to decrease or increase the volume;

    In setup menu, press to adjust or set items.

13. **Power button**

    Press to enter or exit the standby mode.

14. **20.1" colour TFT screen**

    20.1" colour TFT screen clearly show the data.

15. **Remote Sensor**

    Remote sensor window for the remote control.

16. **Power Indicator**

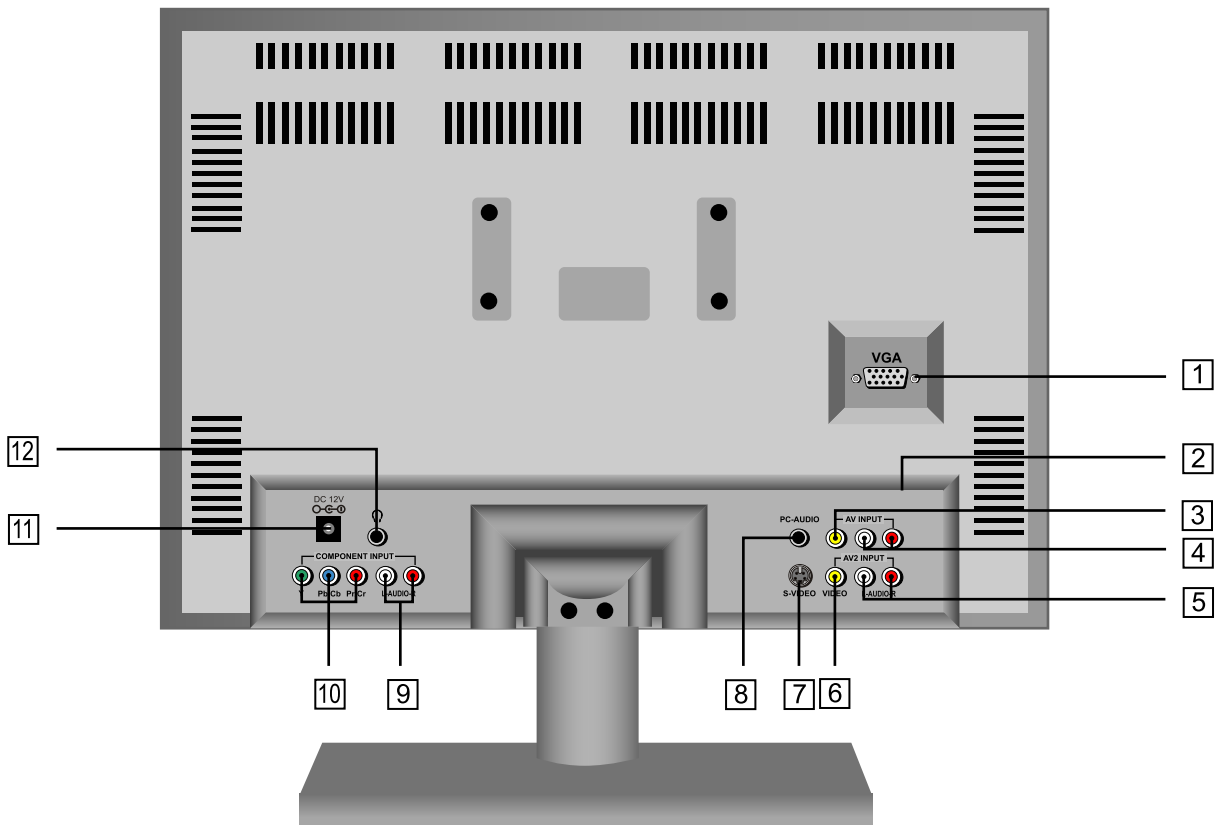   In active mode, it is blue; in standby mode, it turns red.

17. **Speaker**

    Output high quality stereo sound.

Rear Panel

Rear View

1. **VGA Input Jack**
   Connected to the VGA output jack on a personal computer.
2. **Antenna Input Jack**
   Connected to external antenna to receive the TV program in TV mode.
3. **Video Input Jack**
   In AV1 mode, connecting for the external video signal input.
4. **L/R Audio Input Jack**
   Connected to the L/R audio signal input in AV1 mode.
5. **L/R Audio Input Jack**
   In AV2 or S-VIDEO mode, connecting for L/R audio signal input.
6. **VIDEO Input Jack**
   In AV2 mode, connecting for the external video signal input.

7. **S-VIDEO Input Jack**
   Connecting for S-VIDEO signal input.
8. **PC Audio Input Jack**
   Connected to the audio output jack on a personal computer.
9. **L/R Audio Input Jack**
   Connecting for the L/R audio input in Component, mode.
10. **Y/Pr(Cr)/Pb(Cb) Input Jack**
    Connecting for the Y/Pr(Cr)/Pb(Cb) input in Component mode.
11. **DC 12V In Jack**
    Connected to power adapter.
12. **Earphone Jack**
    When connected to earphone, the internal speakers will automatically turn off.

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Remote Control

Remote Control Drawing
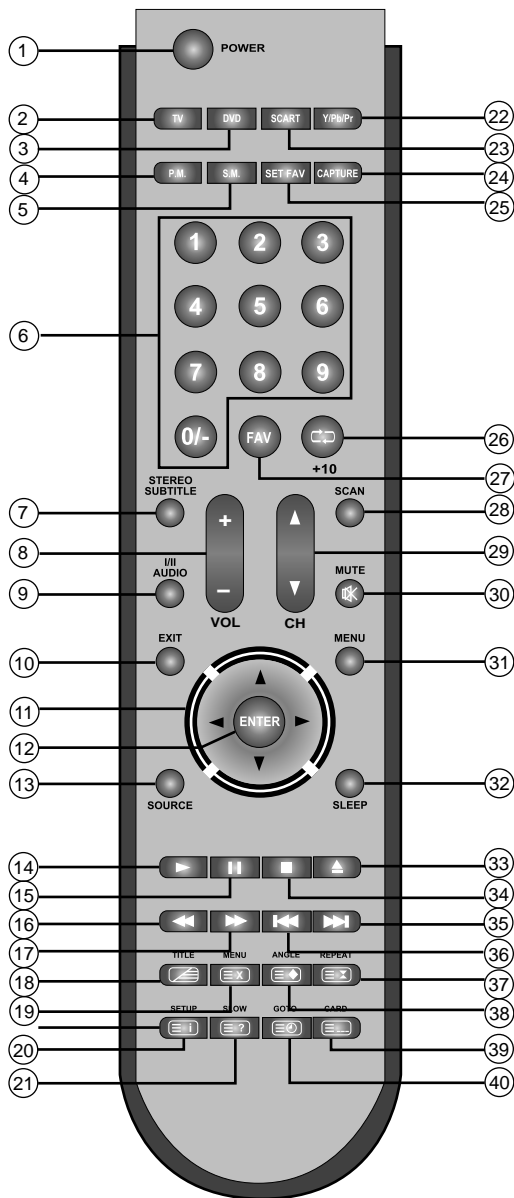
1. POWER button

Press to enter or exit the standby mode.

2. TV button

Press to enter TV mode.

3. DVD button

Press to enter DVD mode.

4. P.M. button

Press to select picture mode.

5. S.M. button

Press to select audio mode.

6. **0-9 Number buttons**

Press to select numbers.

7. **STEREO/SUBTITLE button**

Press to select stereo audio mode.
In DVD mode, press to select different
subtitle language when playing a multiple

8. subtitle languages disc.

VOL+/- button

Press to increase or decrease the volume.

9. **I/II/AUDIO button**

Press to select NICAM/A2 audio mode.
In DVD mode, press to select different audio
language when playing a multiple audio
languages disc.

10. **EXIT button**

Press to close all the OSD menu.

11. **Direction buttons (▲▼ ◄ ►)**

In the setup menu, press the ▲▼ button to
select the desired items, press the ◄ ►
button to adjust or set.

12. **ENTER button**

Press to confirm selection in the setup menu.

13. **SOURCE button**

Press to select the modes: DVD, TV, AV1,
AV2, S-VIDEO, COMPONENT and VGA.

14. ▶ **PLAY button**

Press to play the disc under DVD mode.

15. II **PAUSE button**

Press to pause the playback.
Press the PLAY button to resume normal
playback.

16. ◄◄ **button**

Press to search backward under DVD mode.
Press to select the red page under teletext
mode.

17. ►► **button**

Press to search forward under DVD mode.
Press to select the green page under teletext
mode.

18. **TITLE button**

When a DVD disc is playing, press to go to
title menu if the disc contains.
Under TV, AV1, AV2 or S-Video mode, press
to display/close the teletext.

Remote Control

19. MENU button (in DVD)
Press to access the disc menu in DVD mode.
Under teletext mode, press to enter or exit mixed mode.

20. SETUP button
Press to enter DVD setup menu.
Under Teletext mode, press to display the index page.

21. SLOW button
Press to activate slow playback under DVD mode.
Under Teletext mode, press once to display the concealed information, such as solution of riddles or puzzles; press again to resume the riddles information from the display.

22. YPbPr button
Press to enter COMPONENT mode.

23. SCART button
It has no function.

24. CAPTURE button
Press to display the information about current status on the screen.

25. SET FAV button
Press to set current channel as favourite channel.

26. ⊏⊐/+10 button
In the TV mode, press to return to the channel last viewed.
In DVD mode, press to select number greater than 10.

27. FAV button
Press to select the favourite channel

28. SCAN button
Press to start or stop scanning channels in TV mode.

29. CH+/- button
In TV mode, press to select channel.

30. MUTE button
Press to turn on or off the audio output.

31. MENU button
Press to enter the setup menu. In the setup menu, press to return to the previous menu.

32. SLEEP button
Press to display the sleep time, then press the ENTER button to set the sleep time.

33. Eject button
Press to eject the disc out.

34. ■ STOP button
Press to stop playback, then press the PLAY button to resume normal playback under DVD mode.

35. ⏮ Next Skip button
Press to skip to the next chapter/track for some discs under DVD mode.
Press to select the yellow page under teletext mode.

36. ⏭ Previous Skip button
Press once to skip to the beginning of the current chapter/track.
Press twice repeatedly to skip to the previous chapter/track for some discs under DVD mode.
Press to select the blue page under teletext mode.

37. REPEAT button
Press to repeat a chapter, track, title, or all content under DVD mode.
Under Teletext mode, press to stop the automatic changing of the page consists of two or more sub pages.

38. ANGLE button
Press to access various camera angles (if the DVD disc contains multiple camera angles).
Under Teletext mode, Press the button first time to double the size of teletext letters in the upper half of the screen, second to double the size of teletext letters in the lower half of the screen and third to resume normal status.

39. CARD button
In DVD mode, press to enter SD or MS card mode.
Under Teletext mode, press to select four groups 3-digit numbers that displayed in different colours at the bottom of the screen. Press the coloured buttons on the below of the remote control to select, then use the number buttons to input the corresponding number to display the page.
Repeat the above procedures for each page to be stored, using a different coloured button accordingly each time.
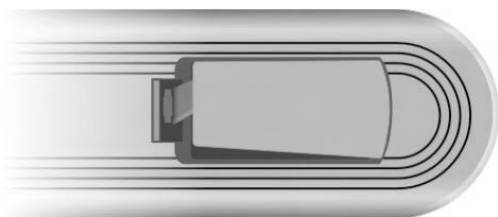
9

Remote Control

40. GOTO button
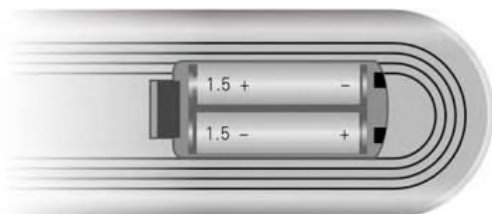Press to access or exit from the search menu under DVD mode.
Under teletext mode, press to display real clock, press the EXIT button to exit.
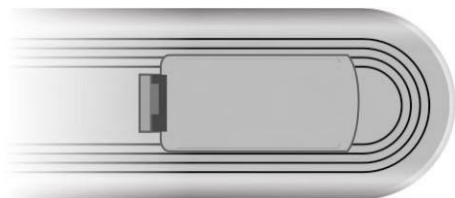
Preparation of Remote Control

Softly push the back cover to open the battery compartment.

Insert two batteries 1.5V, size AAA), please make sure the polarity matches the marks inside the compartment.
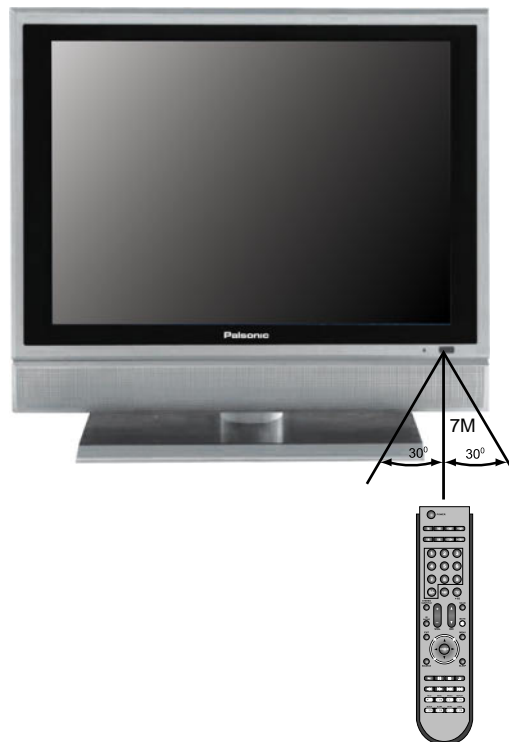
Softly press the back cover to close it.

- Under normal use the battery will last for six months.
- Take out battery when the remote is not in use for a long time.

Using of Remote control

Point the remote control unit from no more than about 7m from the remote control sensor and within about 60 degrees of the front of the unit.

- The operating distance may vary depending to the brightness around.

Notes:
- Do not point bright lights directly at the remote control sensor.
- Do not place objects between the remote control unit and the remote control sensor.
- Do not use this remote control unit while simultaneously operating the remote control unit of any other equipment.

System Connections

- Do not connect the power cord until all other connections have been made.
- Ensure that you observe the colour cord when connecting audio and video cables.

Connecting To External AV Signal Source (AV1)

Use the audio and video cable to connect the input jacks on the rear panel of the unit to the external AV signal source.

After connection, turn on the power of the unit and the external AV signal source press the SOURCE button to shift to AV1 mode.
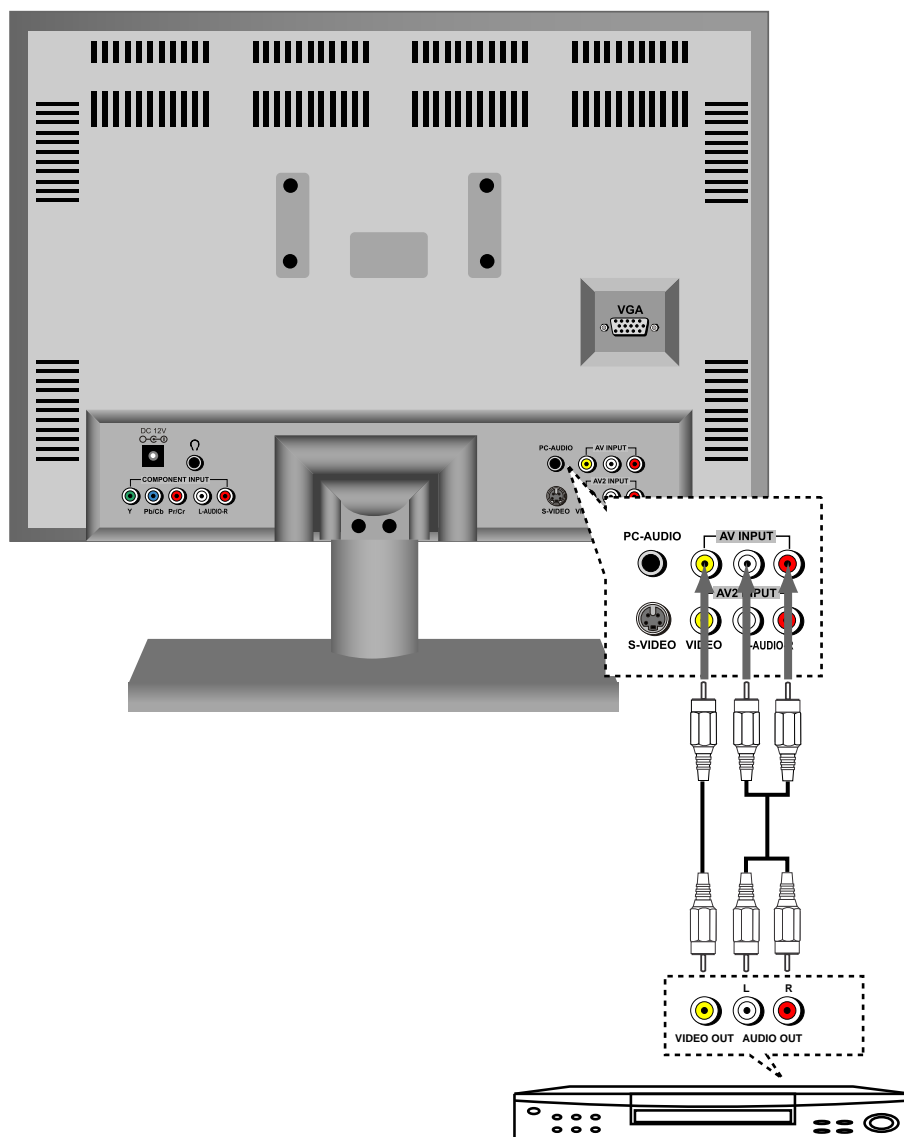
System Connections

Connecting to External AV Signal Source (AV2 and S-VIDEO)

Use the audio and video cable to connect the AV2 input jacks on the rear panel of the unit to the external AV signal source.

Use the S-VIDEO cable to connect the S-VIDEO input jack on the rear panel of the unit to the external AV signal source.

After connection, turn on the power of the unit and the external AV signal source, press the SOURCE button to shift to AV2 or S-VIDEO mode.

Note: the L/R audio input jacks can be used in the both AV2 and S-VIDEO modes, it can get better video effects when using the S-VIDEO cable.

System Connections

Connecting to External AV Signal Source (Component)

Use the audio and video cables to connect the Y/Pb(Cb)/Pr(Cr) input Jacks on the rear panel of the unit to the external AV signal source.

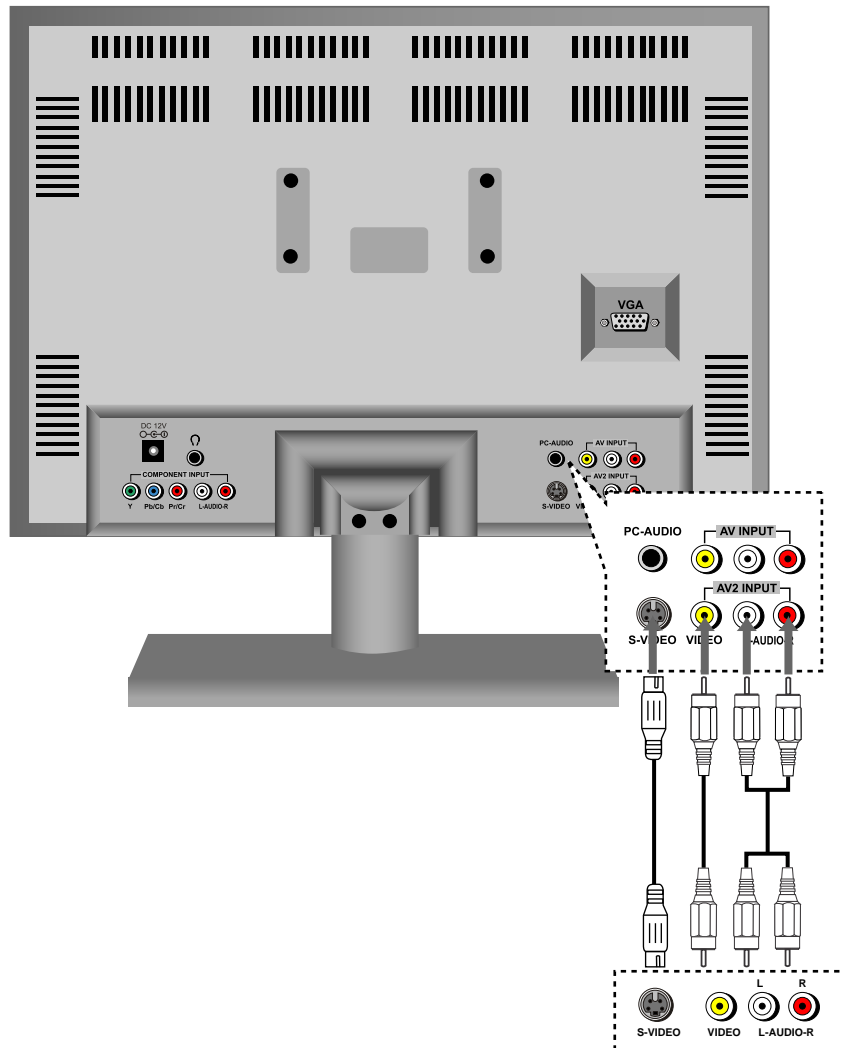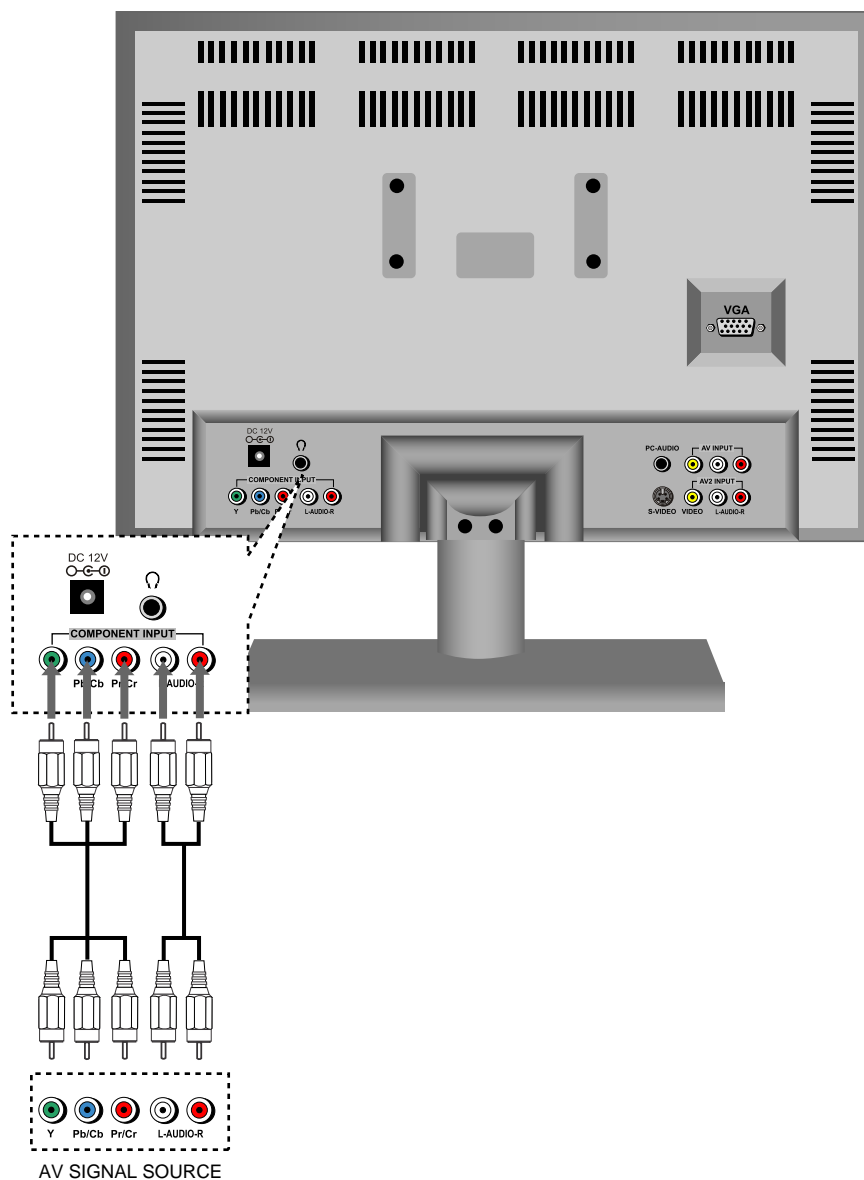After connection, turn on the power of the unit and external AV signal source, press the SOURCE button to shift to component mode.

AV SIGNAL SOURCE

System Connections

Connecting to PC

The unit can be connected to PC (person computer) via the VGA cable. Follow the figure below to connect:

1. Connect one end of the VGA cable to the VGA input jack on the rear panel of the unit.
2. Connect the other end to the PC.
3. Connect one end of the audio cable to the PC audio input jack on the rear panel of the unit.
4. Connect the other end to the PC audio output jack.
5. You had better set the PC's resolution at: 800 x 600@60Hz.

After connection, turn on the unit and the PC, press the SOURCE button to shift to VGA mode.
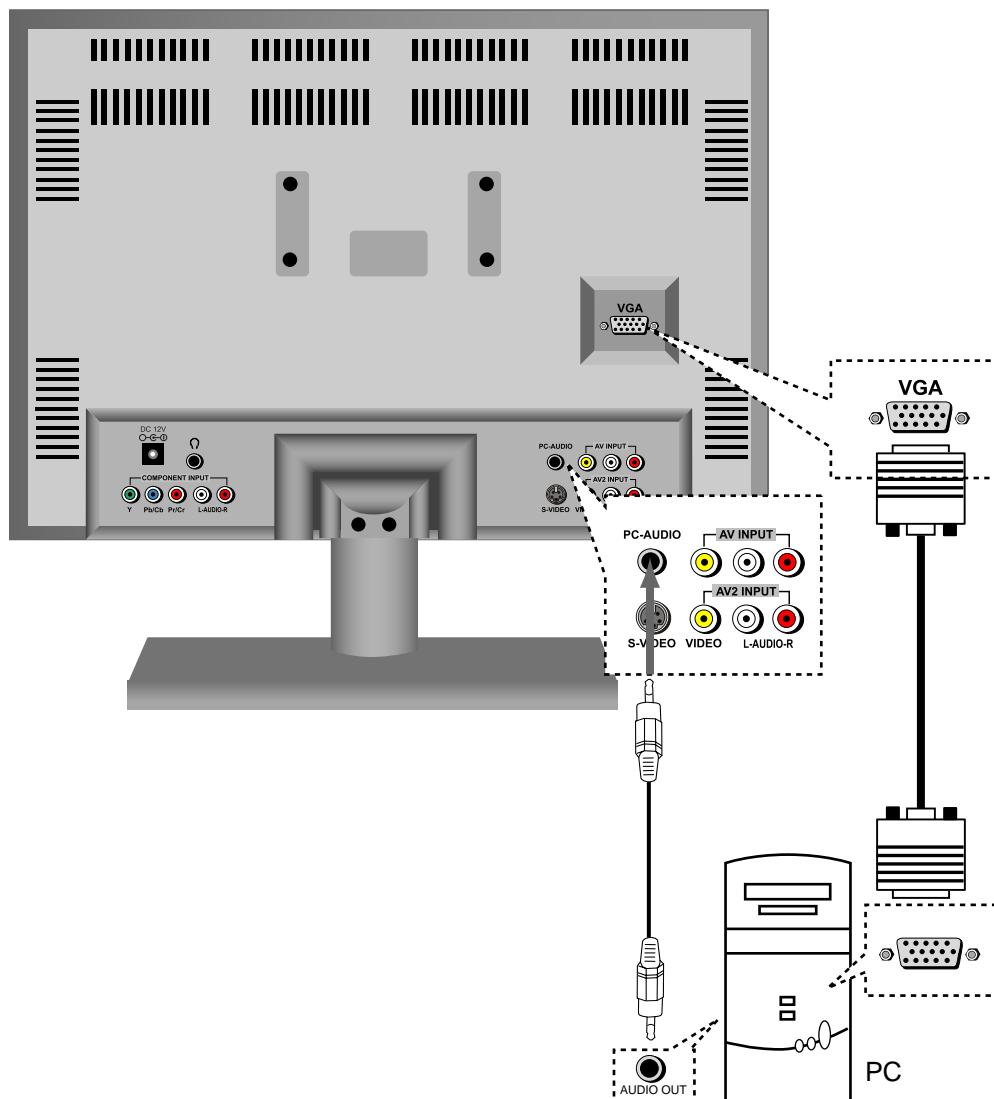
System Connections

Connecting to TV-Signal Input

This unit can be connected to the TV signal input source via the 75Ω antenna jack on the rear panel.

After connection, turn on the power of the unit, press the SOURCE button to shift to TV mode.

TV SIGNAL INPUT
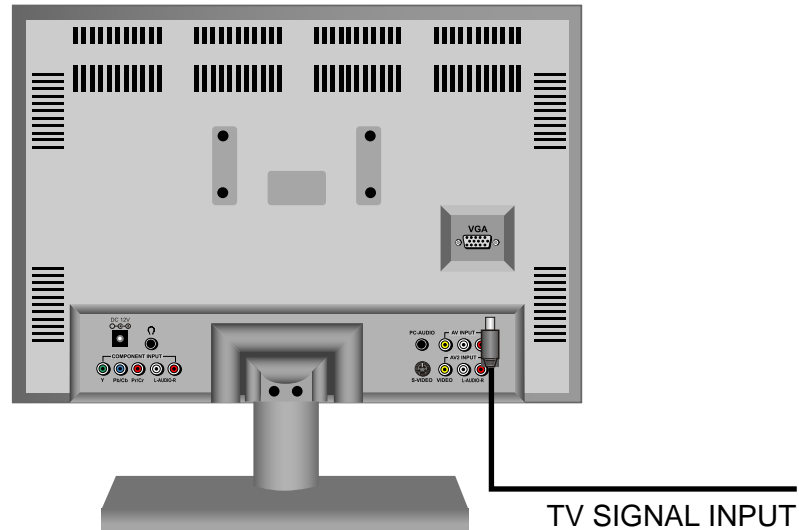
Connecting to Power Adapter

Power is supplied through the provided appropriative power adapter, one end is connected to the DC 12V IN jack on the rear panel of the unit, the other end to the AC100~240V wall outlet.

AC 110-240V
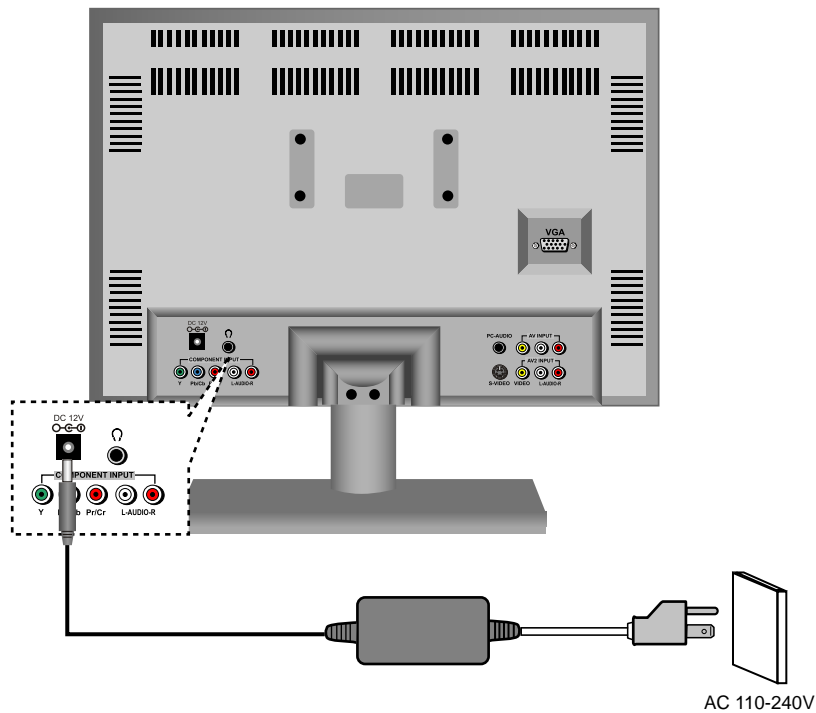
System Connections

Connecting to Earphones

This unit can be connected to an earphone for listening music privately. See the below figure for details:

After connecting to the earphone, the internal speakers output will turn off automatically.

System Setup and Operation

Preparations

1. After connection, press the POWER button to turn on the power. (If it is turned on, the power indicator is blue.)

2. Press the SOURCE button to shift mode. You can go on with the following operations:

Image Setting

Press the MENU button once to enter the setup menu, as shown on the right:
In the setup menu, press the ▲▼ button to select the item, then press the ENTER button to enter the item, press the ▲▼ buttons to select. Press the MENU button to return to the previous menu, press the EXIT button to exit the setup menu.
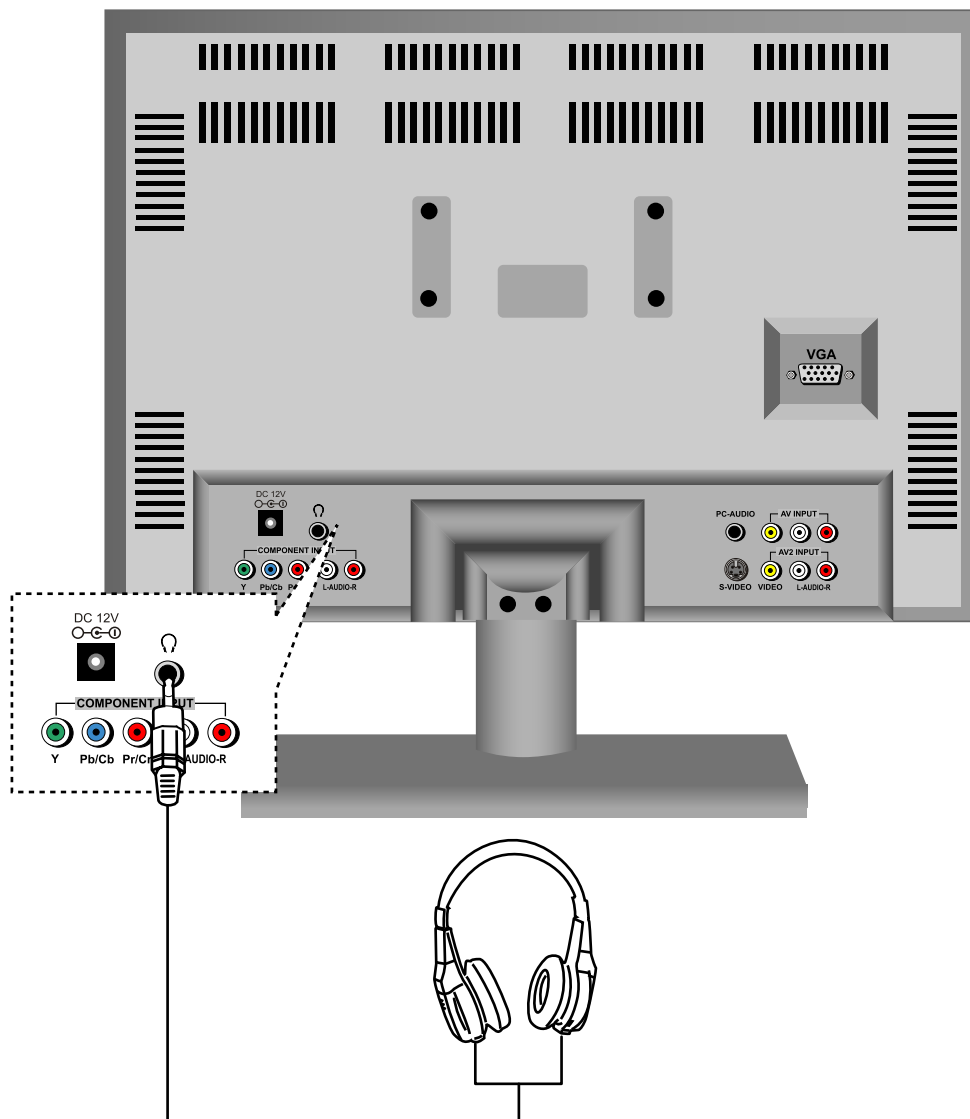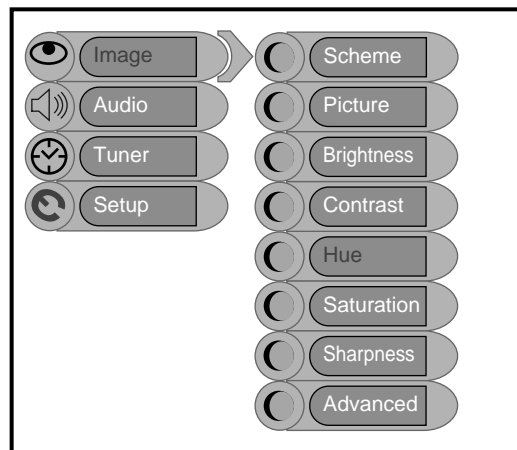

Scheme Setup

Press the ▲▼ button to select Scheme, press the ENTER button to confirm and enter. Press the ▲▼ button to select item, press the ENTER button to confirm selection. Press the MENU button to return to the previous menu.

Picture Setup

Press the ▲▼ button to select **Picture**, press the ▲▼ button to select item, press the ENTER button to confirm selection. Press the MENU button to return to the previous menu.

Brightness Setup

Press the ▲▼ button to select **Brightness**, press the ▶◀ button to adjust the value. Press the MENU button to return to the previous menu.

Contrast Setup

Press the ▲▼ button to select **Contrast**, press the ▶◀ button to adjust the value. Press the MENU button to return to the previous menu.

Hue Setup

Press the ▲▼ button to select **Hue**, press the ▶◀ button to adjust the value, press the MENU button to return to the previous menu.
Note: the setup is only available in NTSC mode.

Saturation Setup

Press the ▲▼ button to select **Saturation**, press the ▶◀ button to adjust the value, press the MENU button to return to the previous menu.

System Setup and Operation

Sharpness Setup

Press the ▲▼ button to select **Sharpness**, Press the ◄ ► button to adjust the value, press the MENU button to return to the previous menu.

Advanced Setup

Press the ▲▼ button to select **Advanced**, press the ENTER button to confirm and enter the item. In the menu, press the ▲▼ button to select the desired item, press the ENTER button to confirm, press the MENU button to return to the previous menu.
Note: This item is only available when there is VGA signal input.

Audio Setting

Press the MENU button to enter the setup menu, then press the ▲▼ button to select **Audio**, press the ENTER button to confirm and enter the menu shown on the right.
In the audio setup menu, press the ▲▼ button to select the desired items, press the ENTER button to enter. Press the MENU button to return to the previous menu, press the EXIT button to exit the setup menu.

Image	Volume
Audio	Bass
Tuner	Treble
Setup	Balance
	Auto Volume
	Listen Mode
	Sound Mode
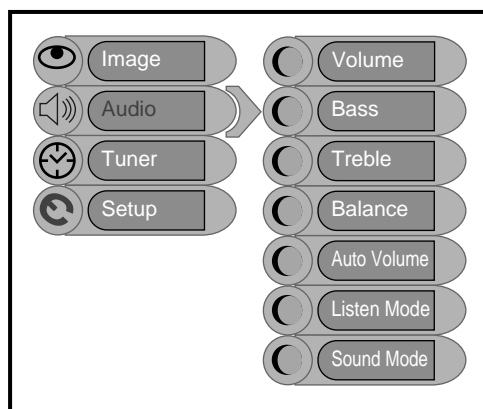
Volume Setup

Press the ▲▼ button to select **Volume**, press the ◄ ► button to adjust the level, press the MENU button to return to the previous menu.

Bass Setup

Press the ▲▼ button to select **Bass**, press the ◄ ► button to adjust the level, press the MENU button to return to the previous menu.

Treble Setup

Press the ▲▼ button to select **Treble**, press the ◄ ► button to adjust the level, press the MENU button to return to the previous menu.

Balance Setup

Press the ▲▼ button to select **Balance**, press the ◄ ► button to adjust the level, press the MENU button to return to the previous menu.

Auto Volume Setup

Press the ▲▼ button to select **Auto Volume**, press the ENTER button to enter, press the ▲▼ button to select items, press the ENTER button to confirm. Press the MENU button to return to the previous menu.

System Setup and Operation

Listen Mode Setup
Press the ▲▼ button to select **Listen Mode**, press the ENTER button to enter, press the ▲▼ button to select items, press the ENTER button to confirm. Press the MENU button to return to the previous menu.

Sound Mode Setup
Press the ▲▼ button to select **Sound Mode**, press the ENTER button to enter, press the ▲▼ button to select item, press the ENTER button to confirm. Press the MENU button to return to the previous menu.

Timer Setting

Press the MENU button to enter the setup menu, then press the ▲▼ button to select **Timer**, press the ENTER button to enter the menu shown on the right.
In the Timer setup menu, press the ▲▼ button to select the desired items, press the ENTER button to enter the item. Press the MENU button to return to the previous menu, press the EXIT button to exit the setup menu.

Timer
Press the ▲▼ button to select **Timer**, press the ENTER button to enter the setup. Press the ▲▼ button to select the desired item, press the ENTER button to confirm. Press the MENU button to return to the previous menu.

Setup Setting

Press the MENU button to enter the setup menu, then press the ▲▼ button to select **Setup**, press the ENTER button to enter the menu shown on the right.
In the setup menu, press the ▲▼ button to select the desired items, press the ENTER button to enter the item. Press the MENU button to return to the previous menu, press the EXIT button to exit the setup menu.

System Setup and Operation

Tuner/Channel

Press the ▲▼ button to select the
Tuner/Channel press the ENTER button
to enter the menu as shown on the right.
Press the ▲▼ button to select the desired
items, press the ENTER button to enter the
item. Press the MENU button to return to
the previous menu, press the EXIT button
to exit the setup menu.
Note: this setup only available in TV mode.

Image	PAL Europe Tuner/Channel
Audio	Country
Tuner	Auto Scan
Setup	Prog Organiser
	Manual Install

Country Setup

Press the ▲▼ button to select the Country, press the ENTER button to enter the setup, and then
press the ▲▼ button to select item, press the ENTER button to confirm. Press the MENU button to
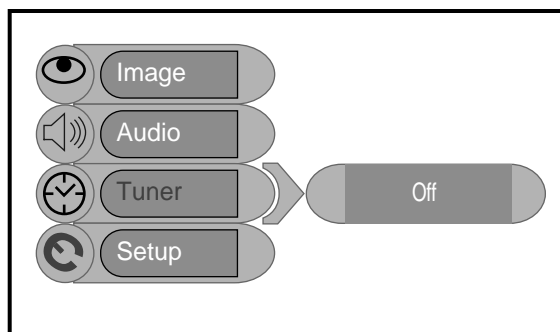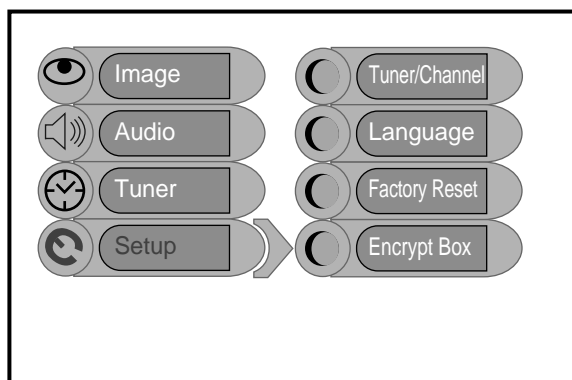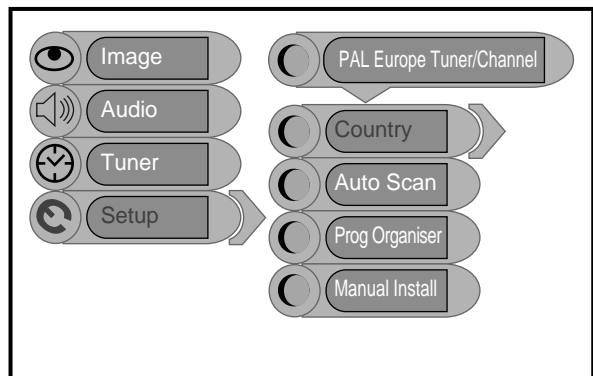return to the previous menu.

Auto Scan

Press the ▲▼ button to select the Auto Scan, press the ENTER button to start auto scan. The
screen will display as below:

Auto scan

CH No 05   Frequency 213.12Mhz
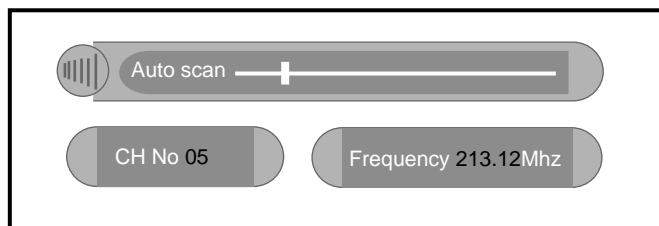
Auto scan will take a few minutes, when the tuning operation completes the unit will exit and
memorise the programs by sequence automatically.
During tuning, press the MENU button to exit the auto scan mode.

Prog Organiser

Press the ▲▼ button to select the **Prog**
Organiser, press the ENTER button to
enter the menu as shown on the right.
Press the ▲▼ button to select the desired
items. Press the MENU button to return to
the previous menu, press the EXIT button
to exit the setup menu.

Image	PAL Europe Tuner/Channel	
Audio	Prog Organiser	
Tuner	Channel Name	XXXXXX
Setup	Skip	
	Swap From Ch	
	Swap to Ch	
	Perform Swap	
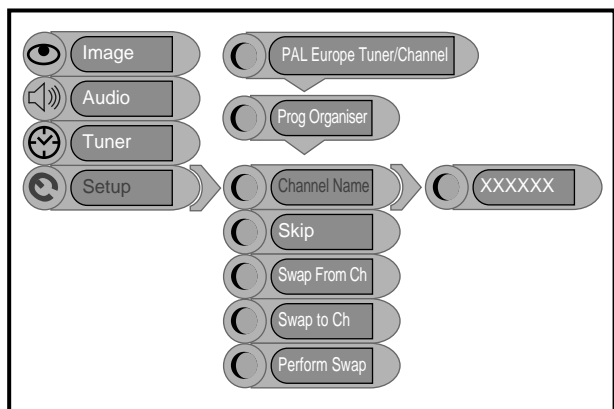
System Setup and Operation

Channel Name

Press the ▲▼ button to select the **Channel Name**, press the ENTER button to enter the setup, and then press the ►◄ button to select the input position, press the ▲▼ button to select character or press the number button to input number, press the ENTER button to confirm input. Press the MENU or EXIT button to exit.

Skip

Press the ▲▼ button to select the **Skip**, press the ENTER button to enter the set the item on or off. Press the MENU button to return to the previous menu.

Swap From Ch

Press the ▲▼ button to select the **Swap From Ch**, press the ENTER button to enter the setup, press the number button to input the channel number, press the ENTER button to confirm the input.

Swap To Ch

Press the ▲▼ button to select the **Swap To Ch**, press the ENTER button to enter the setup, press the number button to input the channel number, press the ENTER button to confirm the input.

Perform Swap

Press the ▲▼ button to select the **Perform Swap**, press the ENTER button to confirm and swap the channels.

Manual Install

Press the ▲▼ button to select the **Manual Install**, press the ENTER button to enter the menu as shown on the right. Press the ▲▼ button to select the desired items. Press the MENU button to return to the previous menu, press the EXIT button to exit the setup menu.
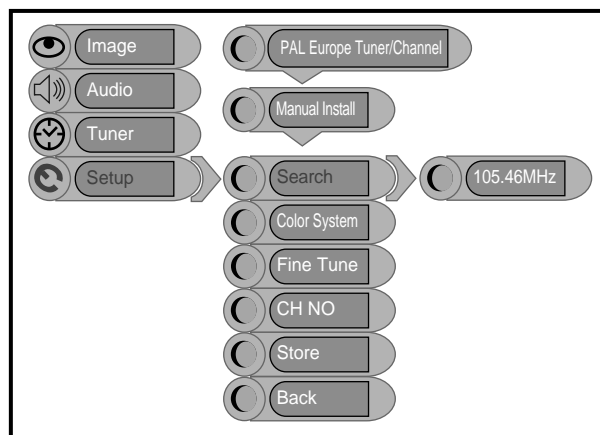
Search

Press the ▲▼ button to select the **Search**, press the ►◄ button to start or stop searching. Press the MENU button to return to the previous menu.

Colour System

Press the ▲▼ button to select the **Colour System**, press the ENTER button to enter the setup, press the ▲▼ button to select item, press the ENTER button to confirm. Press the MENU button to return to the previous menu.
Note: please set the item according to the selected country.

System Setup and Operation

Fine Tune

Press the ▲▼ button to select the **Fine Tune**, press the ▶ or ◀ button to start fine tuning forward or backward. Press the MENU button to return to the previous menu.

Store

Press the ▲▼ button to select the **Store**, press the ENTER button to store the fine tuning effect.

Back

Press the ▲▼ button to select the **Back**, press the ENTER button to cancel the fine tuning effect.

Language

Press the ▲▼ button to select the **Language**, press the ENTER button to enter the setup, press the ▲▼ button to select item, press the ENTER button to confirm. Press the MENU button to return to the previous menu.

Factory Reset

Press the ▲▼ button to select the **Factory Reset**, press the ▲▼ button to select YES, press the ENTER button to resume default status.

Encrypt Box

Press the ▲▼ button to select the **Encrypt Box** in the setup menu, press the ENTER button to enter the setup, press the ▲▼ button to select YES or NO, press the ENTER button to confirm. Press the MENU button to return to the previous menu.

DVD Playback Operation

Preparation: After connections have been made, turn on the TV and select the relevant video input before playback.

Disc Loading Steps:
1. Press the power button on the front panel to turn on the power, the player will search a disc and play it automatically in DVD mode.
2. Handing the disc with its printed side outward vertically to the disc tray. (Referring to the below picture.)
3. Slightly put the disc into the disc tray.
4. As disc is automatically taken in the disc tray fully, "Loading" will be highlighted on the liquid crystal display. And the playback begins.
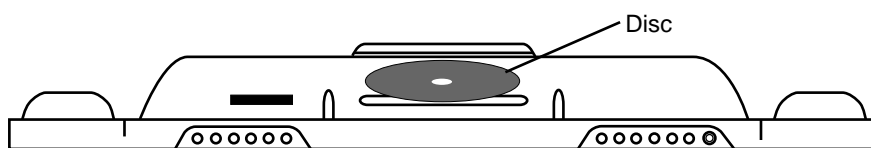
Warning: Do not play poor quality discs that may damage the player's lens.

DVD Playback

Menu

Normally there is a selecting menu for DVD discs. You can press the MENU button to enter the menu, and use the direction buttons to highlight an item you would like to select. Press the ENTER button to select it.

Title & Chapter

Normally there are several titles in a DVD disc, and several chapters (sections) in a title. You can select any title or chapter quickly by entering the relevant number.

Region Code

DVD players and discs are coded by region. These regional codes must match the played discs. If the codes don't match, the disc cannot be played. This player's default code is region 4.

Stop

Press this button once to stop playback and then press PLAY button to resume it. Press the button twice to stop playback completely.

Pause

Press the II PAUSE button to pause playback. Press the button twice to start step by step playback.

CD Playback Operation

Repeat

Use the REPEAT button to repeat a chapter, a title or all, and also to cancel repeat.

GOTO

During DVD disc playback, press the GOTO button on the remote control once, there will be a menu displayed on the screen. You can set or select items for your preference. Use the ▲ ▼ direction buttons to select items, press the ENTER button to enter and use the ▲ ▼ direction buttons to select the desired item. Press the ◀ direction button to return. When select the Title/Chapter TT Time/CH Time, use number buttons to input desired title/chapter number time.

◆ Some DVD discs do not support the search function.

Fast Playback

Press the ▶▶ ◀◀ fast FWD/REV SCAN button on the remote control to activate fast forward or reverse playback.

Slow Playback

Press the SLOW button to activate slow forward or reverse playback.

Language (Audio)

There can be up to 8 audio languages on a DVD disc. When you play a multi-language DVD disc you can set different audio language in the DVD setup menu or press the AUDIO button on the remote control to select.

Subtitle

The DVD player can support multiple kinds of subtitles. When you play a multi-subtitle disc you can set different subtitle language in the DVD setup menu or press the SUBTITLE button on the remote control to select.

Various Camera Angles

The movies on some DVDs have been recorded from various camera positions. This lets you enjoy the same scene from different perspectives. In this case you'll usually find a marking on the DVD sleeve.
When playing a DVD containing various camera angles the camera symbol appears on the screen. Press the ANGLE button repeatedly until the desired perspective is shown. The picture will be adjusted in 1-2 seconds.

CD Playback

The player will play all tracks on a CD disc by default. You can use the ◀◀ and ▶▶ (PREV/NEXT skip) buttons, or number buttons to select a track.

Pause

Press the PAUSE ‖ button to pause playback. Press again to resume playback.

DVD Playback Operations

Stop

Press this button once to stop playback and then press PLAY button to resume it. Press the button twice to stop playback completely.

Fast Playback

Press the ⏩ ⏪ fast FWD/REV SCAN button on the remote control to activate fast forward or rewind playback.

Repeat

During playback, press the REPEAT button repeatedly to repeat a Track, All or cancel the repeat.

GOTO

Press the GOTO button to access the time-selected state. You can select Disc Go To, Track Go TO or Select Track respectively by pressing this button repeatedly. Use the 0-9 buttons to enter the desired time, and then the player will play according to the selected time.

Audio Language

Press the AUDIO button repeatedly to select desired sound effect: Mono Left, Mono Right, Mix-Mono, Stereo.

DIVX Playback

Load a DIVX in the disc tray and the screen displays the root folder. Use the ▲, ▼ buttons to select desired folder. Then press the PLAY or ENTER button to confirm your selection. Use the ▲, ▼ buttons to select desired file. Then press the ENTER or PLAY button to confirm your selection. Press the ◀ button to return to last folder or directory.

Pause

Press the PAUSE ‖ button to pause playback, press again to resume playback.

Stop

Press this button once to stop playback and return to the root menu.

Fast Playback

Press the ⏩ ⏪ fast FWD/REV SCAN button on the remote control to activate fast forward or reverse playback.

Slow Playback

Press the SLOW button to activate slow forward playback.

Previous and Next

Press the PREV ⏮ button to go to the previous file. Press the NEXT ⏭ button to go to the next file.

DVD Playback Operations

Repeat

Press the REPEAT button to repeat a file, folder in sequence.

Press it repeatedly to display as follows:

Shuffle → Random → Single → Repeat One → Repeat All   Repeat Off

Menu

Press the MENU button during playback to return to root folder. Press the PLAY button to resume normal playback.

GOTO

Press the GOTO button to select desired disc starting track or track starting time. During DIVX playback, press it repeatedly to display as follows:

Select: --- Go To -:--:--

Use the number buttons to input the desired file or time.

Language (Audio)

There can be up to 8 audio languages on a disc. When you play a multi-language disc you can set different audio language in the DVD setup menu or press the AUDIO button on the remote control to select.

Subtitle

When you play a multi-subtitle disc you can set different subtitle language in the DVD setup menu or press the SUBTITLE button on the remote control to select.

JPEG Playback

JPEG is a common picture format that requires small amounts of storage per image and has low loss in resolution. Hundreds of pictures can be stored on a disc in this format. In order to view JPEG photo albums, you can ask your film development company to make a "PICTURE CD" when they develop your film.

Load a JPEG disc in. For JPEG disc, there will be a root menu displayed on the screen. Use the ENTER button and the Left/Right direction button to select a submenu with picture, and then use the Up/Down direction button to select the contents. Many discs have other contents besides pictures. For Picture CD disc, it will display the pictures automatically.

◆ **Many discs have other contents besides pictures.**

Stop

Press this button once to stop playback and return to the menu.

Pause

Press the PAUSE button to pause playback, press again to resume playback.

DVD Playback Operations

Repeat

During playback, press it repeatedly, and the repeat modes are Folder, Shuffle, Random, Single, Repeat One and Repeat All.

Previous and Next

During playback, press the ⏮ or ⏭ button to select picture. In the menu mode, press to turn to the next or previous page.

GOTO

During playback, press the GOTO button on the remote control once, use the number buttons to input the file number.

Picture Rotation

This can be used only when the picture is normally displayed. Once another picture is selected, rotation will be cancelled automatically. There are four kinds of rotational modes. You can use the direction buttons to select.

Zoom and Move of Picture

During playback, press ◀/▶ the button to cycle through the zoom proportions. Then you can use the direction buttons to move the picture.

When this function is turned off, the picture will resume normal size.

◆ **some JPEG disc may not support rotating function.**

DVD Setup Menu

DVD Setup Menu

This is the place where you arrange all important settings for the cooperation of the DVD with the TV set and other audio equipment.

1. Remove the disc from the DVD drive and press the **'SETUP'** button on the remote control, the settings menu will appear. It includes General Setup, Speaker Setup, Dolby Digital Setup, Video Setup, and Preference.
2. Press ◄ ▲ ▼ ► (direction buttons) on the remote control to select a category.
3. All the items in the category will appear on the TV screen. Press the ENTER button to confirm your selection.

Category

1. When you enter a category all the items under this category will appear, and the items placed in the middle (or highlighted) will be the current set up.
2. Press ► (right direction button) on the remote control to select the correct category.
3. Press the direction button to select your preference. The item you select will be highlighted.
4. Press the ENTER button to confirm.
5. Press ◄ (left direction button) to enter the other setup menu.

General Setup Page

The General Setup is shown as follows:

- - General Setup Page - -

TV Display	Lb	Normal/Lb
Angle Mark	Off	Normal/Ps
OSD Lang	Eng	Wide
Captions	Off	
Screen Saver	On	
Last Memory	Off	

Set TV Display

TV Display

The program's screen format (e.g. Normal TV/Wide screen) is fixed by the DVD. Please note that this format might not necessarily match your TV's screen format. Then this will be helpful:

Normal/LB (LETTER BOX): Choose this mode when your TV set has 4:3 screen format. The picture will appear in its entire width but framed by black bars at the top and the bottom.

Normal/PS (PAN SCAN): Choose this mode when your TV set has 4:3 screen format. The picture will fill the screen but the right and left portion will be cut.

Wide (16:9): Choose this mode when using a 16: 9 wide screen TV set.

Angle Mark

If this function is enabled the camera symbol appears on the screen as soon as various perspectives are available on the DVD. Choose "Off" and no camera symbol will appear.

OSD Lang

Please select preferred language for the OSD menus.

DVD Setup Menu

Captions

You can choose captions on or off on screen during playback.

Screen Saver

When you enable this function a moving DVD symbol appears on the screen when the unit is stopped or showing a still picture for a moment. This feature saves screen from getting damaged by constant picture. Choose "Off" to disable the feature.

Last Memory

This item is used to set the function of last memory on or off.

Speaker Setup Page

Press the direction button to select your preference. The item you select will be highlighted.

- - Speaker Setup Page - -

Downmix   LT/RT
                           Stereo

       Set Downmix Mode

Downmix

Selecting "Lt/Rt" in the 'Downmix' will alter the audio output into a mixed Dolby output. By selecting 'Stereo' in the 'Downmix' menu the player will output a common stereo signal.

Dolby Digital Setup

- - Dolby Digital Setup - -

Dual Mono   STEREO
Dynamic   L-Mono
                        R-Mono
                        Mix-Mono

       Dual Mono (1 + 1) Setup

Dual Mono

This function is used to set audio output: Stereo, L-Mono, R-Mono and Mix-Mono.

Dynamic

The Dynamic Range Compression can be turned off by selecting 'OFF' from the submenu, or set to full compression by selecting 'FULL'. There are also intermediate levels of compression available for selection.

Video Setup Page

- - Video Setup Page - -

Sharpness	Med	High
Brightness	00	Medium
Contrast	00	Low

       Sharpness

Sharpness

This menu allows the settings for the sharpness of the picture: high, medium or low.

Brightness

If you activate this function you can set the brightness of the picture using the ◀ , ▶ buttons. Press the ENTER to return to the setup.

Contrast

If you activate this function you can set the contrast of the picture using the ◀ , ▶ buttons. Press the ENTER to return to the setup.

DVD Setup Menu

Preference Page

- - Preference Page - -

Audio	Eng	English
Subtitle	Off	French
Disc Menu	Eng	Spanish
Parental		Chinese
Password		Japanese
Default		Korean
		Russian
		Thai

Preferred Audio Language

Audio
Please select your preferred language to playback DVD movies in general. Sure this selection is subject to the audio material on the particular disc.

Subtitle
Please select your preferred language to generally show subtitles on the screen. Again this is subject to the information available on the particular disc.

Disc Menu
Here you can choose the language in which the DVD menu stored on the disc will be shown on the screen - depending on the DVD's material.

Parental
DVD discs equipped with the child lock function are rated according to their contents. The contents of a parental lock level and the way a disc can control may vary from disc to disc. If the disc allows, you can edit out violent scenes and replace or lock out playback of the

disc altogether. To set the parental level on the sub-menu press ◄ ▲ ▼ ► (direction buttons) on the remote control and press the ENTER button. An interactive menu will appear. The initial password is 3308.

Password
Here you can change the password you need to adapt the parental control level.
Having activated CHANGE please type in the old password. Now type in the new one and repeat it for safety confirmation. You close this procedure by pressing ENTER. From now on the new password has to be entered for changing the parental control level.

Default
Choose Default and confirm reset it if you want to recall the factory settings.
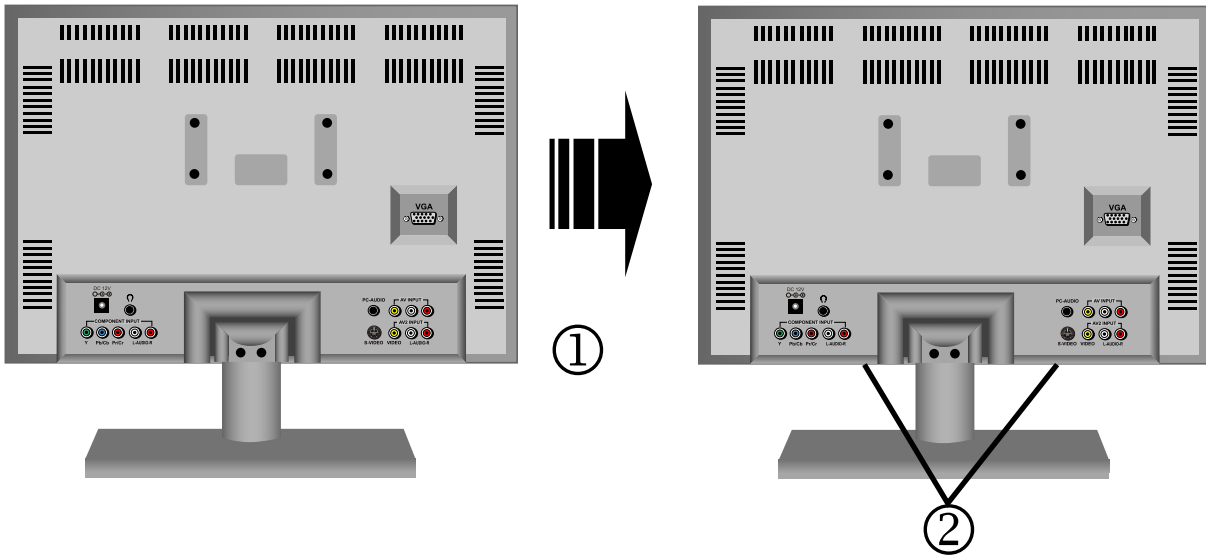Caution:
All your settings done so far will be deleted.

Attaching the Speaker

Follow the below steps to attach the speaker:

1. Take out the unit, speaker and the fixing implements.
2. Insert the plastic tabs of the speaker into the holes on below rear panel of the unit, and slide it leftward, see the below figure ① .
3. Fix the speaker with fixing implements, see the below figure ② .

Troubleshooting

SYMPTOM	CHECK ITEM
The player cannot play.	Make sure disc is loaded in. Make sure disc is loaded correctly. Make sure disc is not dirty or warped. Make sure the player's region code is the same as region code of DVD disc. Make sure water condensation has not occurred. If it occurs, take out disc and leave the player on for at least one hour.
There is no sound.	Make sure system connection is correct. Make sure the power of speakers is turned on. Make sure the sound setup of DVD disc is correct. Make sure disc is not dirty or warped. Clean or replace the disc. Make sure the speakers are not muted. In the TV mode, set the correct sound mode.
LCD is no display	Make sure the unit is turned on and the connections are correct. Make sure the power adapter is correctly connected.
Cannot continue to play and play a section repeatedly.	Make sure disc is not dirty or damaged. Clean the disc or skip selection.
There is no picture or the picture moves up and down Unsteady.	Check if the connections with the external AV signal source are correct. Correctly set the items in the picture menu. Check if the video type input signal is not corresponding to the unit. Make sure the unit is turned on and in correct video type.
The remote control does not work.	Make sure there are no obstructions between the remote control and the player. Make sure the remote control is pointing at the player. Make sure batteries are inserted and the polarity is correct. Make sure battery is not weak. Replace the weak battery.

Other Notes:

Static or other external interference may cause the player to behave abnormally. In this occurrence, unplug the power-supply cord from the outlet and plug it in again to reset the player. If the problems persist, then please disconnect the power and consult a qualified technician.

Specifications

TFT-LCD Resolution	800 x 600
TFT-LCD Screen Size	20.1 inches
Power	AC100　240V　50/60Hz DC 12V 5A
Power Consumption	< 60W
Dimension without speakers	494mm x 428mm x 220mm　LXWXD)
Dimension with speakers	494mm x 485mm x 220mm　LXWXD)
Weight	About 12 Kg

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE